

CSC Adopted: October 2001, CSC Revised: _____**Class Title: Equipment Operator IV****BRIEF DESCRIPTION OF THE CLASSIFICATION:**

Drives and operates construction equipment, cranes, other heavy equipment and trucks. Provides utility maintenance and maintains and operates heavy construction equipment. Stockpiles bulk materials. Provides training and support.

ESSENTIAL FUNCTIONS:

This information is intended to be descriptive of the key responsibilities of the classification. The following examples do not identify all duties performed by any single incumbent. Specific requirements of individual positions are described in the Job Description.

Physical Strength Code		ESSENTIAL FUNCTIONS
1	H	Provides utility maintenance by repairing and replacing drain pipes for storm water draining systems, removing debris from ditches, removing unauthorized waste materials, loading materials, digging ditches, repairing caves and structures, replacing all sizes of storm drain pipes, transporting materials to and from job sites and using heavy construction equipment as assigned.
2	H	Maintains and operates heavy construction equipment such as cranes, bulldozers, lowboy trailers, dump trucks, backhoes and trailers by securing equipment with of chains and binders, providing assistance to yard crew, performing minor maintenance and repair, checking equipment for fuel, fluids and safety, loading and unloading equipment on trailers and lowboys and transporting to job site.
3	H	Stockpiles bulk materials by loading, unloading and separating materials as needed.
4	H	Provides training and support by training other team members on heavy equipment operation such as front end loaders, providing the correct quantities of materials to produce asphalt, maintenance and repair of division's building and providing emergency response recovery including snow and storm debris removal.
5	H	Responds to emergencies by removing storm damage debris.

CSC Adopted: October 2001, CSC Revised: _____**CLASS REQUIREMENTS:**

CLASS REQUIREMENTS	
Formal Education / Knowledge	Work requires knowledge necessary to understand basic operational, technical, or office processes. Level of knowledge equivalent to four years of high school or equivalency.
Experience	Four years experience in equipment operations.
Certifications and Other Requirements	Valid CDL Driver's License
Reading	Work requires the ability to read maps, technical manuals and work orders.
Math	Work requires the ability to perform general math calculations such as addition, subtraction, multiplication and division.
Writing	Work requires the ability to write various reports and logs.
Managerial	N/A
Budget Responsibility	N/A
Supervisory / Organizational Control	Work requires the occasional direction of helpers, assistants, seasonal employees, interns, volunteers or temporary employees.
Complexity	Work involves choices of action within limits set by standard practices and procedures. Professional judgment is required to apply the proper course of action.
Interpersonal / Human Relations Skills	Contacts others within the organization. These contacts may involve similar work units or departments within the City which may be involved in decision making or providing approval or decision making authority for purchases or projects.

CSC Adopted: **October 2001**, CSC Revised: _____**OVERALL PHYSICAL STRENGTH DEMANDS:**

Sedentary	Light	Medium	Heavy X	Very Heavy
S = Sedentary Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time	L = Light Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	M = Medium Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	H = Heavy Exerting 50-100 lbs. occasionally, 25-50 lbs. frequently, or up to 10-20 lbs. constantly.	VH = Very Heavy Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

PHYSICAL DEMANDS:

C = Continuously 2/3 or more of the time.	F = Frequently From 1/3 to 2/3 of the time.	O = Occasionally Up to 1/3 of the time.	R = Rarely Less than 1 hour per week.	N = Never Never occurs.
--	--	--	--	----------------------------

This is a description of the way the job is currently performed; it does not address the potential for accommodation.

PHYSICAL DEMANDS	FREQUENCY CODE	DESCRIPTION
Standing	F	Loading/unloading equipment, observations
Sitting	F	Driving, operating equipment
Walking	F	Field work, observations, to/from equipment
Lifting	F	Manhole covers, chains, binders, materials
Carrying	F	Manhole covers, chains, binders, materials
Pushing/Pulling	F	Equipment, materials
Reaching	F	Equipment, materials
Handling	F	Manhole covers, chains, binders, materials
Fine Dexterity	O	Tools
Kneeling	F	Replacing drain pipes, repairing equipment, removing debris
Crouching	F	Replacing drain pipes, repairing equipment, removing debris
Crawling	F	Replacing drain pipes, repairing equipment, removing debris
Bending	F	Replacing drain pipes, repairing equipment, removing debris
Twisting	F	Replacing drain pipes, repairing equipment, removing debris
Climbing	N	
Balancing	N	
Vision	C	Driving, operating equipment, observations
Hearing	C	Staff, supervisor
Talking	F	Staff, supervisor
Foot Controls	F	Driving, operating equipment
Other (specify)	N	

CSC Adopted: **October 2001**, CSC Revised: _____**MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:**

Cranes, bulldozers, tractors, low boys, truck cranes, back hoe, pay loaders, hydraulic excavators, dump trucks, asphalt rollers

ENVIRONMENTAL FACTORS:

D = Daily	W = Several Times Per Week	M = Several Times Per Month	S = Seasonally	N = Never
-----------	-------------------------------	--------------------------------	----------------	-----------

HEALTH AND SAFETY		ENVIRONMENTAL FACTORS		PRIMARY WORK LOCATION	
Mechanical Hazards	D	Dirt and Dust	D	Office Environment	--
Chemical Hazards	D	Extreme Temperatures	S	Warehouse	--
Electrical Hazards	D	Noise and Vibration	D	Shop	--
Fire Hazards	D	Fumes and Odors	D	Vehicle	--
Explosives	N	Wetness/Humidity	D	Outdoors	X
Communicable Diseases	S	Darkness or Poor Lighting	S	Other (see 2 below)	X
Physical Danger or Abuse	D				
Other (see 1 below)	M				

(1) Inclement weather

(2) City streets

PROTECTIVE EQUIPMENT REQUIRED:

Hard hat, steel toed boots, dust mask, respirator, gloves, goggles

NON-PHYSICAL DEMANDS:

C = Continuously 2/3 or more of the time.	F = Frequently From 1/3 to 2/3 of the time.	O = Occasionally Up to 1/3 of the time.	R = Rarely Less than 1 hour per week.	N = Never Never occurs.
--	--	--	--	----------------------------

NON-PHYSICAL DEMANDS	
Time Pressures	O
Emergency Situations	R
Frequent Change of Tasks	O
Irregular Work Schedule/Overtime	O
Performing Multiple Tasks Simultaneously	O
Working Closely with Others as Part of a Team	F
Tedious or Exacting Work	O
Noisy/Distracting Environment	F
Other (see 3 below)	N

(3)